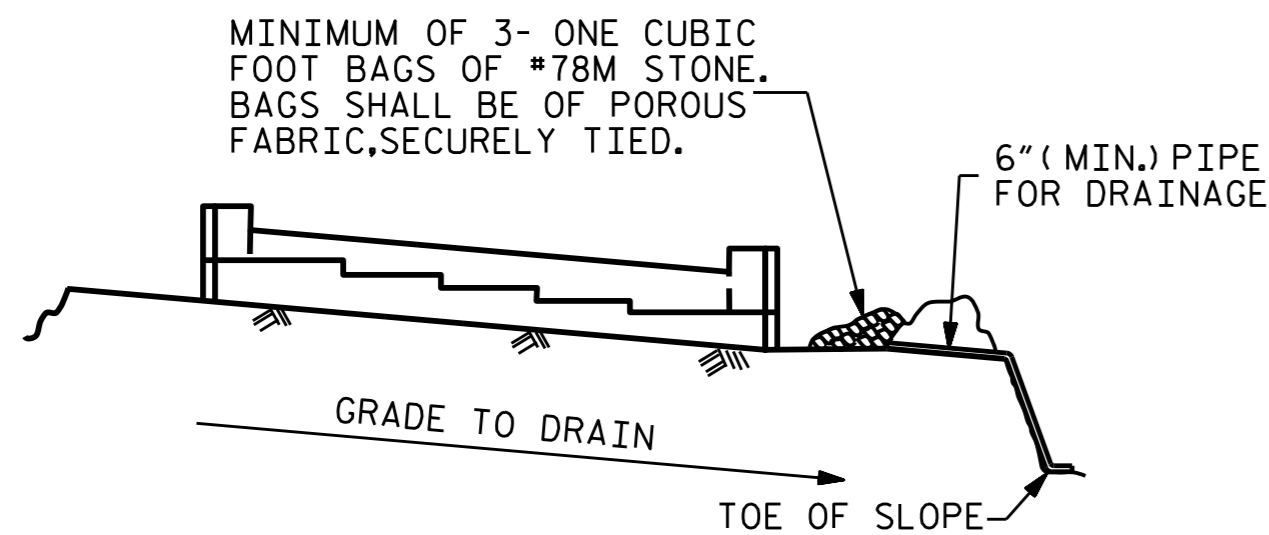


SECTION A-A

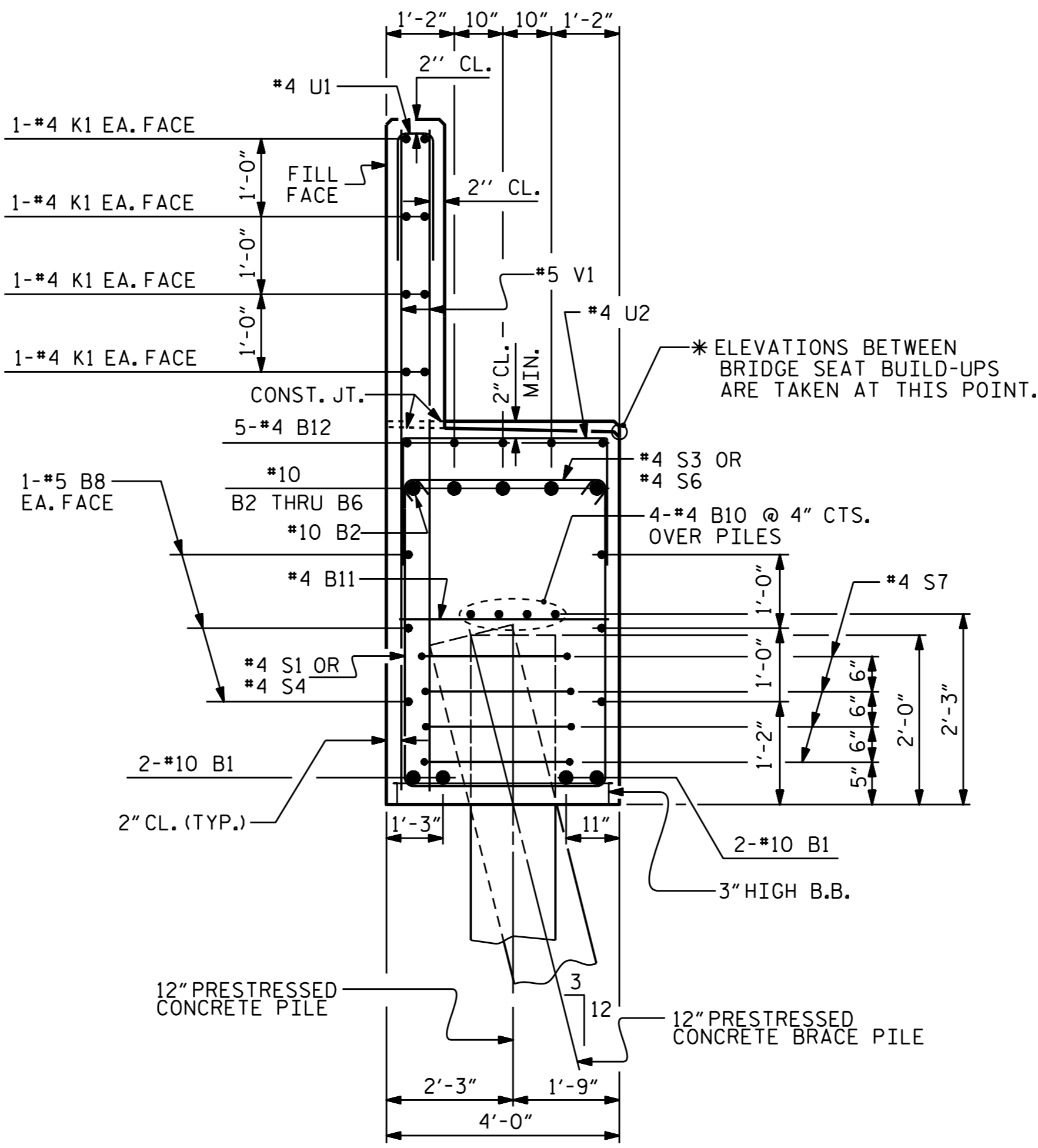


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

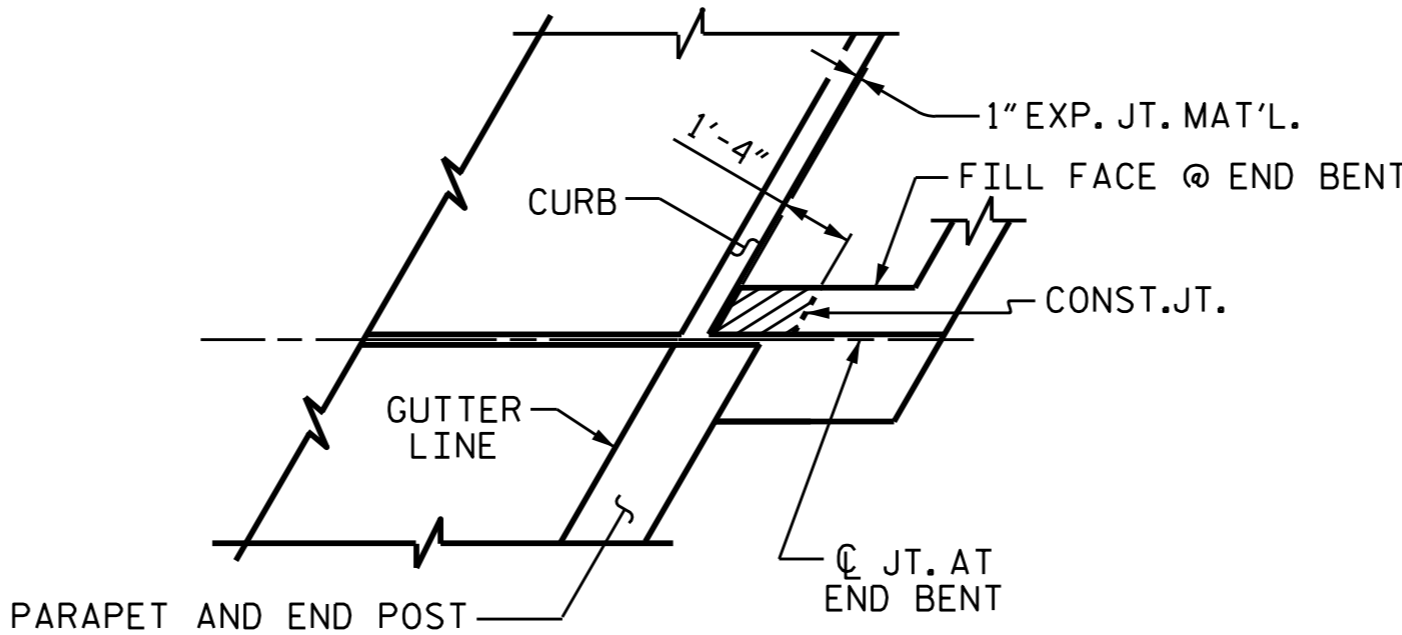
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

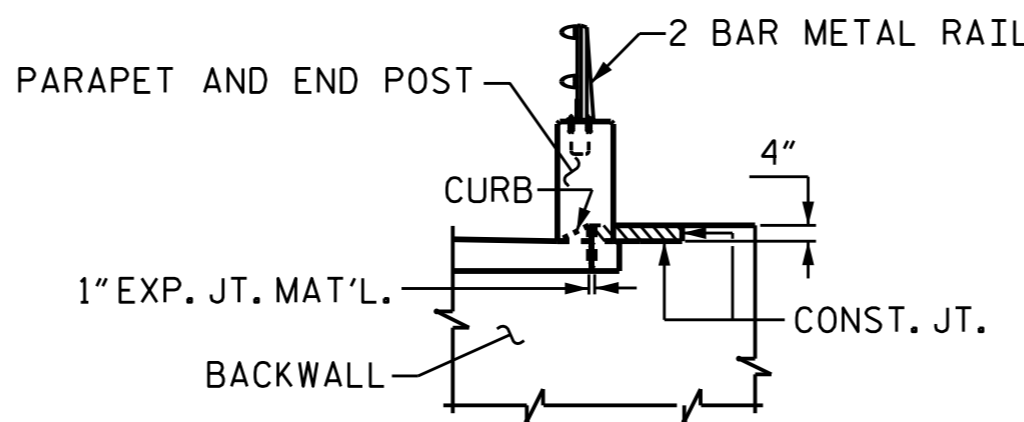
TEMPORARY DRAINAGE AT END BENT



SECTION B-B



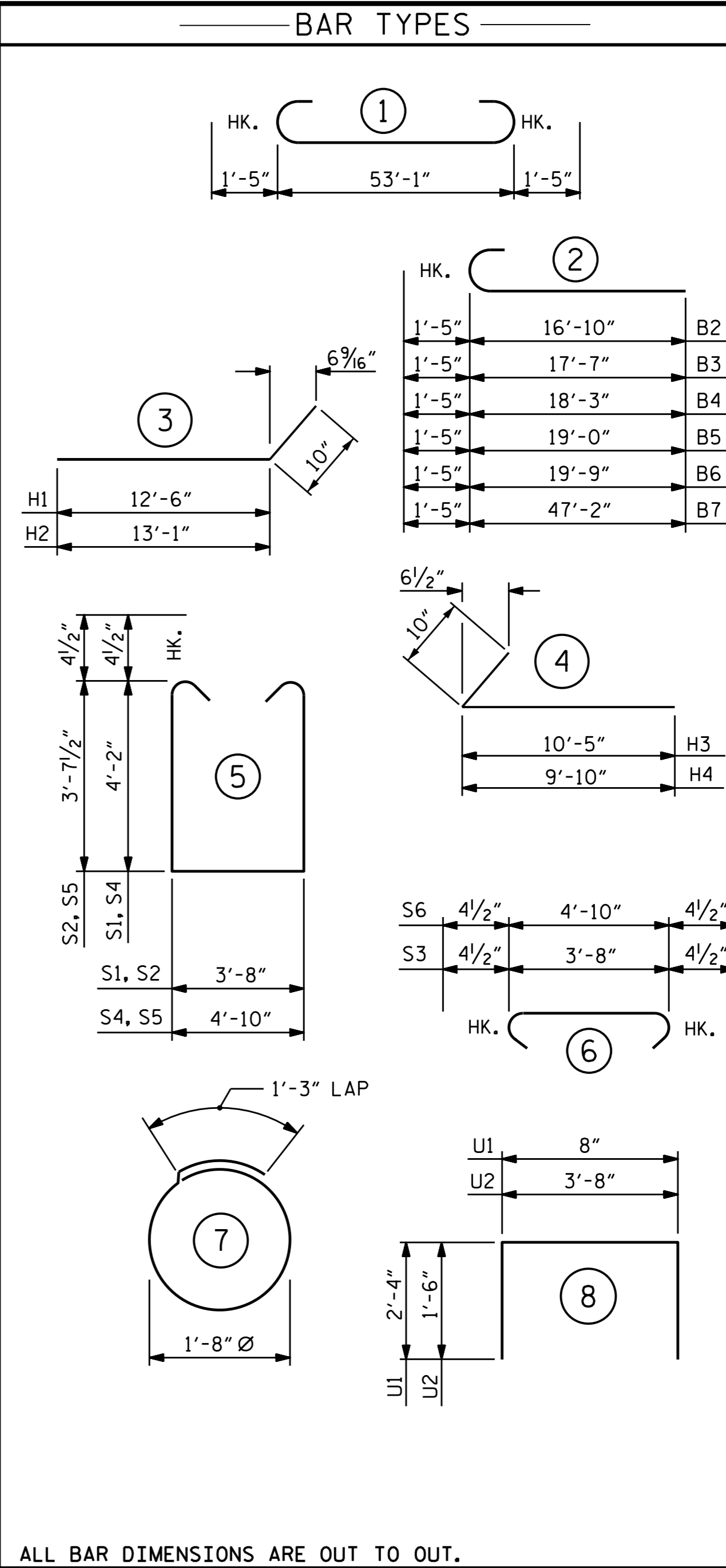
PLAN



ELEVATION

BLOCKOUT IN WING WALL

NOTE: THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND THE APPROACH SLAB HAS BEEN SAWS AND THE PARAPET IS CAST IF SLIP FORMING IS USED.



ALL BAR DIMENSIONS ARE OUT TO OUT.

▲ THE CONCRETE DISPLACED BY THE 12" PRESTRESSED CONCRETE PILES HAS BEEN DEDUCTED FROM THE QUANTITY OF CLASS 'A' CONCRETE FOR THE END BENT CAP.

BILL OF MATERIAL

END BENT #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#10	1	55'-11"	962
B2	1	#10	2	18'-3"	79
B3	1	#10	2	19'-0"	82
B4	1	#10	2	19'-8"	85
B5	1	#10	2	20'-5"	88
B6	1	#10	2	21'-2"	91
B7	5	#10	2	48'-7"	1,045
B8	6	#5	STR	53'-3"	333
B9	2	#5	STR	8'-11"	19
B10	8	#4	STR	27'-10"	149
B11	15	#4	STR	3'-8"	37
B12	10	#4	STR	3'-0"	20
B13	5	#4	STR	9'-0"	30
H1	20	#5	3	13'-4"	278
H2	20	#5	3	13'-11"	290
H3	23	#5	4	11'-3"	270
H4	23	#5	4	10'-8"	256
K1	16	#4	STR	27'-10"	297
K2	8	#5	STR	4'-3"	35
S1	21	#4	5	12'-9"	179
S2	39	#4	5	11'-8"	304
S3	60	#4	6	4'-5"	177
S4	1	#4	5	13'-11"	9
S5	1	#4	5	12'-10"	9
S6	2	#4	6	5'-7"	7
S7	24	#4	7	6'-6"	104
U1	43	#4	8	5'-4"	153
U2	13	#4	8	6'-8"	58
V1	86	#5	STR	8'-0"	718
V2	37	#5	STR	9'-8"	373
V3	31	#5	STR	10'-6"	339

REINFORCING STEEL LBS. 6,876

CLASS "A" CONCRETE BREAKDOWN  
POUR #1  
▲ CAP &  
LOWER PART OF WINGS 37.5 C.Y.  
POUR #2  
BACKWALL & UPPER PART  
OF WINGS 14.2 C.Y.  
CLASS "A" CONCRETE TOTAL 51.7 C.Y.

12" PRESTRESSED CONCRETE PILES  
NO. 6 LIN. FT. 330

PILE REDRIVES 3 EA.

PROJECT NO. R-2514B  
ONSLOW & JONES COUNTY  
STATION: 216+65.63 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
END BENT 2

REVISIONS						SHEET NO. S6-032
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 37
2			4			

STR. #6

DRAWN BY: K.P. SEDAI, P.E. DATE: 6/18/14  
CHECKED BY: M.D. PISO DATE: 9/2/14  
DESIGN ENGINEER OF RECORD: E.K. POPE DATE: 2/9/15

26-MAR-2015 09:41  
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